

## MORTON THIN NARRATIVE

### Description of Sale Area

This sale consists of 12 commercial thinning subdivisions totaling 367 acres and will be sold as a ton sale and scaled as 100% weight. There is an estimated 39,537 tons (12,830 ccf or 6,793 mbf) in this sale.

### General Location

This sale is approximately 7 miles east of Lincoln City and is in the Salmon-Neskowin watershed.

### Routes of Access

The haul routes for this sale are on National Forest System (NFS) roads 1726, 1726112, 134, 135, 137, 1729, 1729112, 115, 116, and 1780. Haul travels down tributary 3 digit spurs to 4 digit roads to Lincoln County Road 106 (LCR 106) to Highway 18 (Hwy 18). Log haul will travel east on Hwy 18 to the appraisal point of Willamina Oregon. NFS road 1726 is a key road as designated under the Siuslaw Travel Management and Roads Analysis.

### Relation to Other Sales

Minski Thin timber sale is located approximately one mile southeast.

### Marking

Subdivision boundaries are flagged with blue ribbon, tagged with blue boundary tags and marked with orange tracer paint. Boundaries have been revised to increase the buffers around streams. The old boundaries are not completely blacked out. New boundaries are heavily tagged and painted. Subdivisions are designated by diameter limit and designation by description, refer to contract for the designation. Additionally subdivisions 38, 42, 51 and 52 have leave trees marked with a band of orange tracer paint that will have a 30 foot cut area around them.

### Logging

This sale is appraised for 96% skyline yarding and 4% tractor/helicopter yarding. Some downhill yarding is required. Directional felling is required. Full suspension is required when yarding across streamcourses. The ground-base machine will not be allowed on slopes greater than 30 percent. Where practical, machine shall travel on slash. Forest Service may agree to the use of a mechanical harvester if the purchaser marks the cut or leave trees prior to cutting. Yarding and loading equipment for landings located along NFS road 1726, 1726112, 1726129 and 1729 are expected to block the road. Warning signs must be posted on NFS road 1726 indicating logging activity and trucks.

### Roads and Other Developments

Approximately 1.82 miles of temporary roads and 91 landings are planned. Approximately 280 cy of rock will be needed for temporary roads and 230 cy of rock for landings.

### Road Maintenance

Purchaser will be responsible for prehaul, routine, seasonal, and post haul maintenance on system roads except for a portion of road 1726 where a coop deposit will be collected for road maintenance. Approximately 1200 cy of spot rock will be needed on system roads and waterbars. Specific requirements to prevent the spread of invasive species are included in the road maintenance specifications.

### Specified Road Reconstruction

There is specified reconstruction for roads 1729 and 1729112 (total of 0.57 miles). The road completion date is 9/30/2012.

### Erosion Control

Purchaser will be required to block temporary roads, install waterbars on landings, skid trails, and temporary roads, and seed landings, skid trails and temporary roads. A coop deposit will be required for the cost of the seed that will be provided by the Forest Service.

### Slash Disposal

Purchaser will be required to scatter slash in subdivisions 38, 39, 41, 42, 45, and 46. Purchaser will be required to scatter slash or machine pile and cover landing slash in subdivisions 50, 51, 52, and 55 and within 25 feet of road 1726. Forest Service will burn piles.

### Scaling

Purchaser will be required to hire a third party scaler. This sale will be scaled by 100% weight.

### Others

Seasonal restrictions apply. See contract for details.

Equipment cleaning is required before entering the sale area.

Truck assist was appraised for on spurs in subdivision 51.